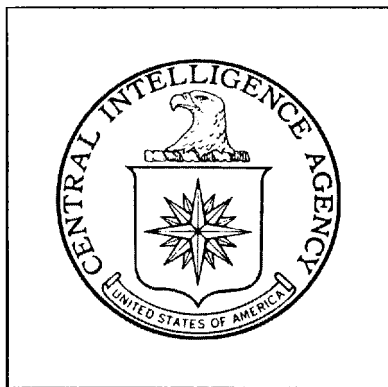


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Declass Review by
NIMA/DOD**

Imagery Analysis Report

**Zimenki Space Tracking Station
Gorkiy, USSR**

Top Secret

25X1

25X1

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IMAGERY ANALYSIS SERVICE

October 1967

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ZIMENKI SPACE TRACKING STATION

GORKIY, USSR

SUMMARY

This report is one in a series of studies covering seven selected astronomical observatories within the USSR. The Zimenki Space Tracking Station is a relatively small facility under the Scientific Research Institute of Radiophysics in Gorkiy. It consists of two radiotelescopes with 50-foot-diameter parabolic antennas capable of both space tracking and radioastronomical observations.

25X1

25X5

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DISCUSSION

The Zimenki Space Tracking Station of the Scientific Research Institute of Radiophysics is located at 56-09N 44-17E, on the south bank of the Volga River approximately 13 nautical miles southeast of Gorkiy, USSR (Figure 1). The station has facilities for radioastronomical observations as well as satellite tracking.

Figures 2 and 3 show the station as it appeared on [REDACTED] 25X1
[REDACTED] Figures 5a and 5b are
ground views showing details of radiotelescopes at the space tracking
station [REDACTED] 25X1

The following annotations and information presented on Table 1 are
keyed to the line drawing (Figure 4) which is based on photography of
[REDACTED] 25X1

1. Instrumentation Building
2. Radiotelescope #1 - parabolic antenna (50-foot diameter)
3. Radiotelescope #2 - parabolic antenna (50-foot diameter)
- 4-10. Support/Instrumentation Buildings
- 11-12. Outline Undefinable.

Analysis of photography [REDACTED] revealed 25X1
no significant changes in the station. Ground scarring was observed east-
southeast of Radiotelescope #1 on coverage of [REDACTED] 25X1
[REDACTED] 25X1
was snow covered, and it provided no new information pertaining to the ground
scarring.

25X1

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25X1

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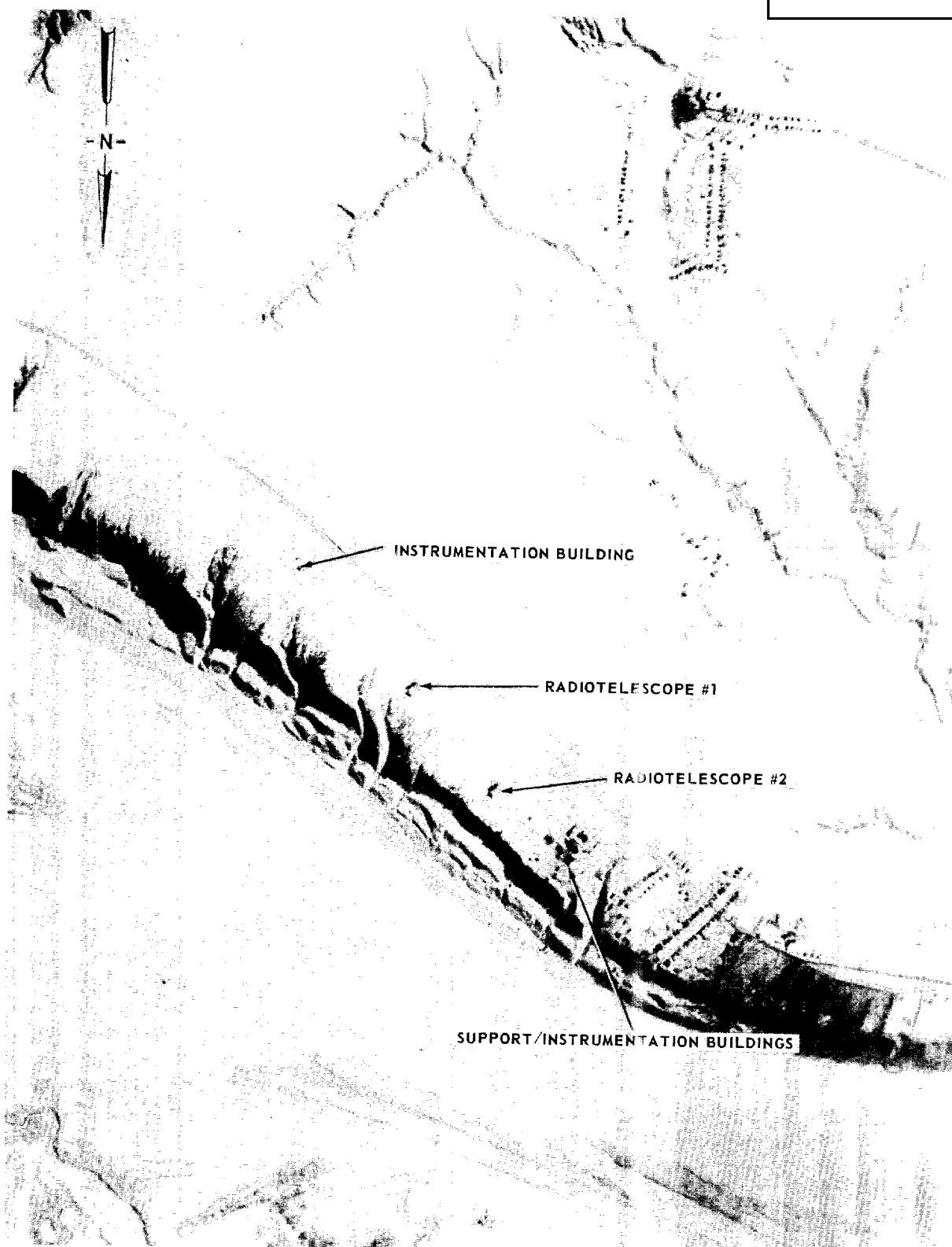


FIGURE 2. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR,

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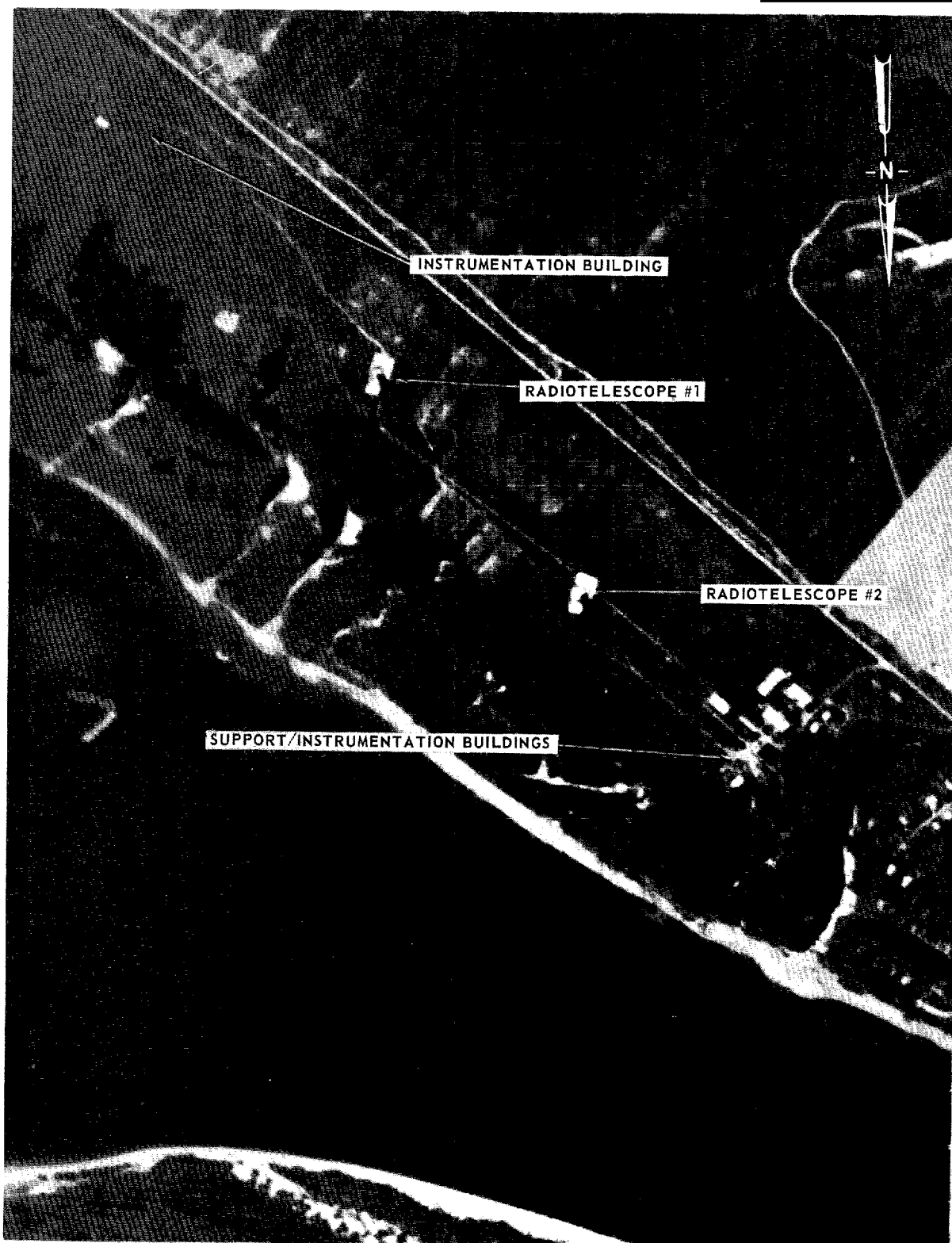


FIGURE 3. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR,

-5-

25X1

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25X1



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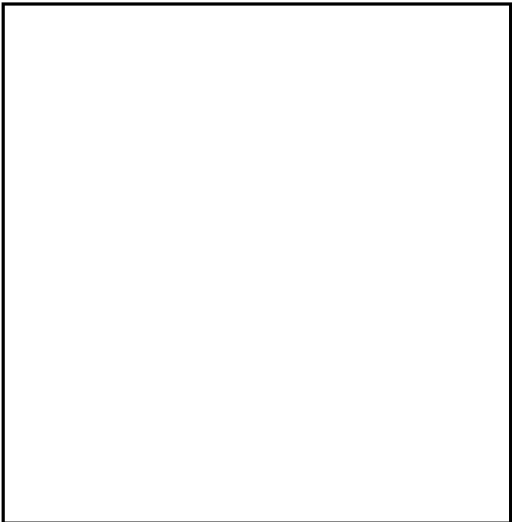


25X1

TABLE 1. ZIMENKI SPACE TRACKING STATION

ITEM

- 1
- 2*
- 3*
- 4
- 5
- 6
- 7
- 8
- 9*
- 10
- 11**
- 12**



AREA
(square feet)

- 2,240
- 18,870
- 21,600
- 4,800
- 9,600
- 4,140
- 6,250
- 5,060



-
-

25X1

25X1

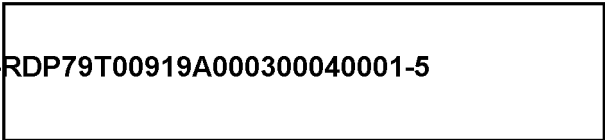
All measurements have been made by the NPIC Technical Intelligence Division with the exception of those indicated by an asterisk (*) which were measured by CIA/IAS. The NPIC/TID measurements are considered to be



** Outline undefinable.

25X1

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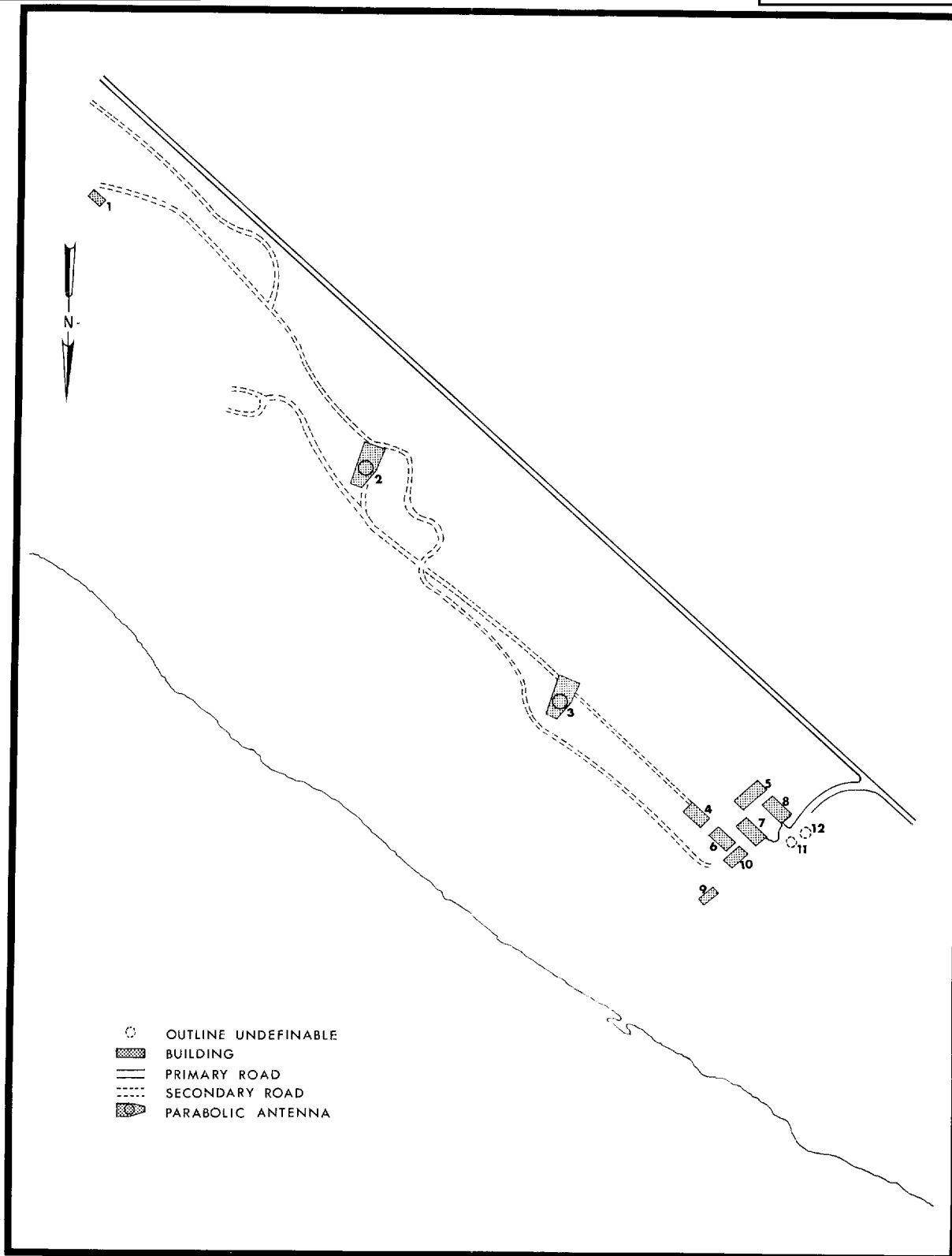


FIGURE 4. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR, LINE DRAWING

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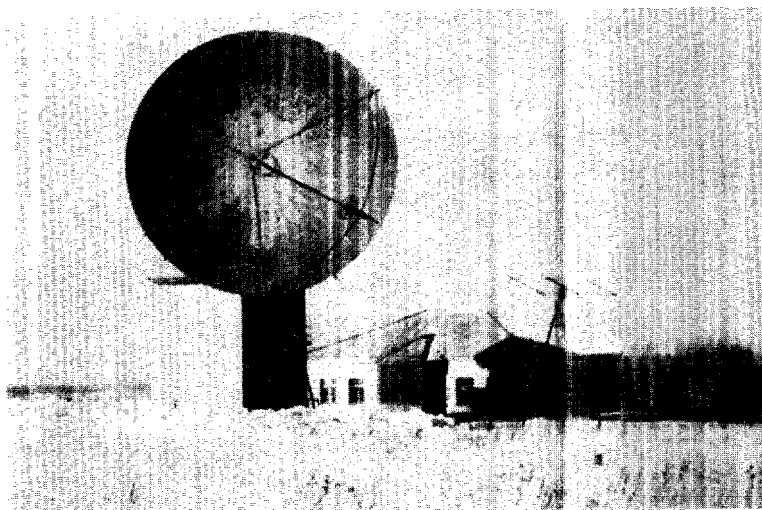


FIGURE 5A. RADIOTELESCOPE,

25X1

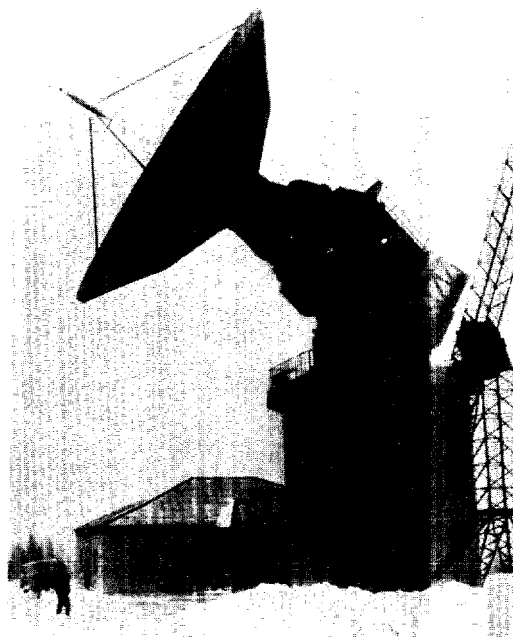


FIGURE 5B. RADIOTELESCOPE.

25X1

FIGURE 5. ZIMENKI SPACE TRACKING STATION, GORKIY, USSR

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25X1

25X1

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REFERENCES

25X1



Maps and Charts

8th RTS, US Air Target Chart, Series 200, Sheet 0155-21HL,
Scale 1:200,000, 2nd Edition, February 1963 (SECRET)

Requirement

C-SI6-84,156

IAS Project

30561-7

25X1

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